

DBH
TLN

**Department of Forensic Science
Breath Alcohol Section
Instrument Maintenance History
1/1/1990 To 7/2/2014**

Instrument Serial Number: 010594 **As of 02-Jul-14**

| Maintenance | Certification | Technician | |
|--------------------|----------------------|-------------------|--|
| Date | Date | Initials | Remarks |
| 01-Jul-14 | 02-Jun-14 | DBH (21250) | REPLACED UPS BACK-UP BATTERY. |
| 02-Jun-14 | 02-Jun-14 | DBH (21250) | REPLACED DRY GAS SOLENOID VALVE. FIRMWARE/SOFTWARE UPGRADE.CALIBRATED AND CERTIFIED. |
| 24-Jul-13 | 24-Jul-13 | DBH (21250) | REPLACED REGULATOR. CERTIFIED. |
| 02-Aug-12 | 02-Aug-12 | DBH (21250) | CERTIFIED. |
| 15-Feb-12 | 15-Feb-12 | DBH (21250) | CERTIFIED. REPLACED DRY GAS STANDARD. |
| 23-Aug-11 | 23-Aug-11 | DBH (21250) | CALIBRATED AND CERTIFIED. |
| 23-Mar-11 | 23-Mar-11 | DBH (21250) | REPLACED DRY GAS STANDARD, CERTIFIED |
| 06-Oct-10 | 06-Oct-10 | DBH (21250) | CERTIFIED |
| 27-Apr-10 | 27-Apr-10 | DBH (21250) | REPLACED DRY GAS STANDARD, CERTIFIED |
| 03-Nov-09 | 03-Nov-09 | DBH (21250) | CERTIFIED |
| 20-May-09 | 20-May-09 | DBH (21250) | CERTIFIED. |
| 29-Apr-09 | 29-Apr-09 | RJP (22428) | FIRMWARE/SOFTWARE UPGRADE. CERTIFIED. |
| 18-Feb-09 | 18-Feb-09 | DBH (21250) | CALIBRATED, CERTIFIED AND ACCEPTED. |

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INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010594 Worksheet Start Date 7/1/2014
Location Giles CO SO
Address 503 Wenonah Ave Pearisburg VA 24134
DFS Technician Donald Hall License No. 21250

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 714 Reference Barometer (mm HG) 712
Reference Barometer(RB)Serial # 009109 RB Calibration Due 8/1/2014

Measurement Assurance Check

| | | | | | |
|----------------------|-----------|------------|------------|----------|-------|
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 | 0.286 |
| 0.300 | 0.282 | 0.273 | 0.290 | Sample 2 | 0.284 |
| Precision | | sample min | sample max | Sample 3 | 0.284 |
| 0.002 | | 0.284 | 0.286 | | |

| | | | | | |
|----------------------|-----------|------------|------------|----------|-------|
| Standard (sea level) | PA Target | minimum | maximum | Sample 1 | 0.094 |
| 0.100 | 0.094 | 0.091 | 0.097 | Sample 2 | 0.094 |
| Precision | | sample min | sample max | Sample 3 | 0.094 |
| 0 | | 0.094 | 0.094 | | |

Dry gas standard Lot No. (with tank no.) AG406301-24

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies
Mouthpieces
Certificates of Analysis
Operator Worksheet
Other:



Notes:

Replaced UPS Back-up Battery.

Instrument Serial Number

010594

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.250 | | 0.000 | 0.000 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.150 | | 0.000 | 0.000 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.080 | | -0.003 | 0.003 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

| Standard (sea level) | PA Target | minimum | maximum | Sample 1 |
|----------------------|-----------|------------|------------|----------|
| 0.020 | | -0.003 | 0.003 | Sample 2 |
| Precision | | sample min | sample max | Sample 3 |
| 0 | | 0.000 | 0.000 | |

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Dan B Hall

Date

7/2/14

Issuing Analyst

T. V. /

Date

*7/3/14**NSL*



COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

| | |
|--------------------------------------|----------------------|
| NAME OF ACCUSED INSTRUMENT, TEST, | NAME OF COURT DFS |
|--------------------------------------|----------------------|

BREATH ANALYSIS

| | | |
|--|-------------------------------|-----------------------------------|
| SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B | | AGENCY DFS Central Lab |
| DFS LICENSE NUMBER 21250 | LICENSE EXPIRES 10/01/2014 | DATE TEST CONDUCTED 07/01/2014 |
| TEST EQUIPMENT NUMBER 010594 | | |

13:46 EDT

RESULTS: TIME SAMPLE TAKEN _____
0.00

SAMPLE'S ALCOHOL CONTENT _____ GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20 _____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 02 Jul 2014 at 09:02

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Test Results

Instrument Serial Number 010594

Test # 000540 Subject Test

Test Location 1 Department of
Test Date 01 Jul 2014

Test Location 2 Forensic Science
Test Time 13:39
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B

Card Serial Number 121250

License Number 21250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 01 Jul 2014 End Time 13:47

Result Time 13:46

Result Date 01 Jul 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 13:40

Data Type BLK

Sample Value 0.000

Sample Time 13:41

Data Type CHK

Sample Value 0.095

Sample Time 13:41

Data Type BLK

Sample Value 0.000

Sample Time 13:42

Data Type SUBJ

Sample Value 0.000

Sample Time 13:43

Data Type BLK

Sample Value 0.000

Sample Time 13:44

Data Type SUBJ

Sample Value 0.000

Sample Time 13:46

Data Type BLK

Sample Value 0.000

Sample Time 13:47

Standard Type Dry Gas Std

Standard Value 0.094

Standard Lot Number AG406301-24

Standard Expiration Date 03/04/2016

Tank Pressure 1115

Barometric Pressure 714 mmHg

Blow Sample Number 1 Blow Duration 3.70 sec

Blow Volume 2040 cc End-of-Blow Time 13:43

Blow Sample Number 2 Blow Duration 3.81 sec

Blow Volume 1930 cc End-of-Blow Time 13:46

Tamper Evident Stamp eac2ba5d

Test Status Code 0

Test Status Success

Intox EC/IR-II: Accuracy Check

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Department of Forensic Science

Serial Number: 010594 Test Number: 541

Test Date: 07/01/2014 Test Time: 13:59 EDT

Dry Gas Target: 0.282

Lot Number: AG334603-07 Exp Date: 12/12/2015

Tank Pressure: 115 psi Barometric Pressure: 714 mmHg

System Check: *Passed*

| Test | g/210L | Time |
|------|--------|-------|
| BLK | 0.000 | 14:00 |
| CHK | 0.286 | 14:01 |
| BLK | 0.000 | 14:03 |
| CHK | 0.284 | 14:03 |
| BLK | 0.000 | 14:05 |
| CHK | 0.284 | 14:05 |

Test Status: *Success*

Calibration CRC: EB25BBC8

Intox EC/IR-11: Accuracy Check

DBH

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Department of Forensic Science

Serial Number: 010594 Test Number: 542

Test Date: 07/01/2014 Test Time: 14:08 EDT

Dry Gas Target: 0.094

Lot Number: AG406301-24 Exp Date: 03/04/2016

Tank Pressure: 1115 psi Barometric Pressure: 714 mmHg

System Check: Passed

| Test | g/210L | Time |
|------|--------|-------|
| BLK | 0.000 | 14:09 |
| CHK | 0.094 | 14:10 |
| BLK | 0.000 | 14:12 |
| CHK | 0.094 | 14:12 |
| BLK | 0.000 | 14:14 |
| CHK | 0.094 | 14:14 |

Test Status: Success

Calibration CRC: EB25BBC8

D0/H
TLN




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

| | |
|--------------------------------------|----------------------|
| NAME OF ACCUSED INSTRUMENT, TEST, | NAME OF COURT DFS |
|--------------------------------------|----------------------|

BREATH ANALYSIS

| | | |
|--|-------------------------------|---|
| SAMPLE EXAMINED AND TEST CONDUCTED BY HALL, DONALD, B | | AGENCY DFS Central Lab |
| DFS LICENSE NUMBER 21250 | LICENSE EXPIRES 10/01/2014 | DATE TEST CONDUCTED 07/01/2014 |
| TEST EQUIPMENT NUMBER 010594 | |  |

RESULTS: TIME SAMPLE TAKEN 14:23 EDT
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

| |
|----------------------|
| BREATH TEST OPERATOR |
|----------------------|

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____ SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____ OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 01 Jul 2014 at 14:47

mmB
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Test Results

Instrument Serial Number 010594

Test # 000543 Subject Test

Test Location 1 Department of
Test Date 01 Jul 2014

Test Location 2 Forensic Science
Test Time 14:17
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name HALL
Agency DFS Central Lab

Operator's First Name DONALD

Operator's Middle Initial B

Card Serial Number 121250

License Number 21250

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 01 Jul 2014 End Time 14:24

Result Time 14:23

Result Date 01 Jul 2014

Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:17

Data Type BLK

Sample Value 0.000

Sample Time 14:18

Data Type CHK

Sample Value 0.094

Sample Time 14:18

Data Type BLK

Sample Value 0.000

Sample Time 14:20

Data Type SUBJ

Sample Value 0.000

Sample Time 14:20

Data Type BLK

Sample Value 0.000

Sample Time 14:21

Data Type SUBJ

Sample Value 0.000

Sample Time 14:23

Data Type BLK

Sample Value 0.000

Sample Time 14:24

Standard Type Dry Gas Std

Standard Value 0.094

Standard Lot Number AG406301-24

Standard Expiration Date 03/04/2016

Tank Pressure 1115

Barometric Pressure 714 mmHg

Blow Sample Number 1 Blow Duration 3.60 sec

Blow Volume 1813 cc End-of-Blow Time 14:20

Blow Sample Number 2 Blow Duration 3.68 sec

Blow Volume 1907 cc End-of-Blow Time 14:23

Tamper Evident Stamp e10fac39

Test Status Code 0

Test Status Success

DBH
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**Department of Forensic Science
Breath Alcohol Section
Trouble Call Log
1/1/1990 To 7/2/2014**

Instrument Serial Number: 010594

02-Jul-14

Date: 26-Jun-14 **Time:** 3:01 PM **Remote:** True **Tech:** DBH (21250) **Location:** Giles County Sheriff's Office

Indication: OTHER

Problem: OTHER. UPS BACK-UP BATTERY DISPLAYING BATTERY WARNING.

Technician Response: SITE VISIT CONDUCTED. ISSUE RESOLVED.

Resolution NO FURTHER ACTION REQUIRED
